

MIASIM UPDATE – WINTER 2025

Updates in this current version are listed and described below. E-mail ancillary structures related questions to mdot-ancillary@michigan.gov

Winter 2025 Updates

Section 1.8.3.1 Team Leader Responsibilities	Added RFA documentation clarification: “the Problems/Comments Explanation on the RFA report. The team leader shall also enter data into the Immediate Action Section and Intermediate Action fields, when applicable. Immediate Action Section is only used for Priority Level 1 RFAs. The Intermediate Action Section can be used for all RFAs and is utilized to request non-critical actions that are submitted to resolve the RFA. Team leaders must submit the form within 24 hours to the AS owner”
Section 1.8.3.2 MDOT Responsibilities	Added clarification for inspection type for RFAs: “RFA Reinspection”
Section 1.8.5 Closing Request for Actions	Added “inspectors must contact respective asset owners and notify them to take action for Priority Level 1 RFAs on assets not owned by MDOT. Emergency contact information for utility providers can be found here”
Section 2.1 Definitions	Added clarification on inventorying multiple culverts
Section 2.1.1 Inventory Items	- Added drainage structure end section as end section type - Added clarification for barrel inventory recordkeeping - Added clarification on inlet/outlet protection
Section 2.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 2.4.3.1 End Treatments Component Ratings	Added photo of concrete end sections
Section 3.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 4.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 4.7 Element Condition States	- Added “protective coating failure with no section loss” - Added sound testing language to Element 14102 table
Section 5.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 5.7 Element Condition States	- Added “protective coating failure with no measurable section loss” - Changed “or” to “with” for severe rating

Section 6.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 7.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 7.4.1.3 Anchor Bolts and Leveling Nuts Element Condition States	Added “Published procedures for the sounding and UT test are provided in references found in Section 7.4.4.”
Section 7.4.4 References	Added reference to the published “MDOT Steel Strain Pole Installation Inspection Procedure, describing UT and Sounding Testing”
Section 7.6 Request for Action Guidance	- Under Priority Level 1, added “b. Ultrasonic test failure of an anchor bolt” and “h. Loose or missing nut at 1 anchor bolt on a 4-bolt foundation or 2 or more anchor bolts on a 6-bolt foundation” - Under Priority Level 2, added “h. Loose or missing nut at 1 anchor bolt on a 6-bolt foundation” - Under Priority Level 2 bullet g, added “significant”
Section 7.7 Element Condition States	- Added “protective coating failure with no section loss” for clarification - Changed “or to “with” for severe rating - Added sound testing language to Element 17102 table
Section 8.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 9.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 9.4.4 References	Added reference to the published “MDOT Mast Arm Installation Inspection Procedure, describing UT and Sounding Testing”
Section 9.6 Request for Action Guidance	- Under Priority Level 1, added “b. Ultrasonic test failure of an anchor bolt” and “h. Loose or missing nut at 1 anchor bolt on a 4-bolt foundation or 2 or more anchor bolts on a 6-bolt foundation” - Under Priority Level 2, added “h. Loose or missing nut at 1 anchor bolt on a 6-bolt foundation”
Section 9.7 Element Condition States	- Added “protective coating failure with no section loss” for clarification - Changed “or” to “with” for severe rating - Added sound testing language to Element 19102 table
Section 10.4 Routine Inspection	Added language on tolerance and inspection frequency
Section 10.4.5 References	Added reference to the published “MDOT DMS Support Structure Installation Inspection Procedure, describing UT and Sounding Testing”

Section 10.7 Element Condition States	• Added “protective coating failure with no section loss” for clarification • Added sound testing language to Element 20102 table
Section 11.4 Routine Inspection	• Added language on tolerance and inspection frequency
Section 11.6 Request for Action Guidance	• Added “i. Loose or missing nut at 1 anchor bolt on a 4-bolt foundation”
Section 11.7 Element Condition States	• Added “protective coating failure with no section loss” for clarification • Added sound testing language to Element 21102 table
Section 12.4 Routine Inspection	• Added language on tolerance and inspection frequency
Section 12.7 Element Condition States	• Added “protective coating failure with no section loss” for clarification • Added sound testing language to Element 22102 table
Section 13.4 Routine Inspection	• Added language on tolerance and inspection frequency
Section 13.7 Element Condition States	• Added “protective coating failure with no section loss” for clarification • Added sound testing language to Element 23102 table
Section 14.4 Routine Inspection	• Added language on tolerance and inspection frequency
Section 14.4.3 References	• Added reference to the published “MDOT ESS Tower Installation Inspection Procedure, describing UT and Sounding Testing”
Section 14.7 Element Condition States	• Added “protective coating failure with no section loss” for clarification • Added sound testing language to Element 24102 table